

What is claimed is:

1. A lamp device comprising:

a discharge lamp comprising an arc tube, the arc tube enclosing
luminescent materials and having disposed therein a pair of
opposing electrodes, and a pair of sealed portions extending from
the arc tube;

a reflector which reflects light radiated by the discharge lamp;

a transparent member covering an open end of the reflector and
accommodating the discharge lamp in a space between the
transparent member and the reflector; and

means for preventing an excessive temperature rise wherein the
temperature rise of welded parts of wiring members electrically
connected to the electrodes is restricted.

2. A lamp device according to claim 1, wherein the sealed portions
have a foil sealed construction.

3. A lamp device according to claim 1, wherein an inside space of the
reflector and the transparent member is hermetically sealed in a gastight
manner.

4. A lamp device according to claim 1, wherein the pair of sealed
portions have differing lengths and the means for preventing an excessive
temperature rise is such that the longer sealed portion is on the side of the
transparent member and the shorter sealed portion is on the side of the base

of the reflector.

5. A lamp device according to claim 4, wherein an end of the sealed portion on the side of the transparent member is positioned near the transparent member.

5 6. A lamp device according to claim 1, wherein the means for preventing an excessive temperature rise is means for channeling heat such that heat from the sealed portion disposed on the side of the transparent member is conducted to the exterior of the lamp device.

10 7. A lamp device according to claim 1, wherein the means for preventing an excessive temperature rise is such that the sealed portion disposed on the side of the transparent member is integral with the transparent member.

15 8. A lamp device according to claim 1, wherein the means for preventing an excessive temperature rise is such that the front end of the sealed portion disposed on the side of the transparent member projects into the exterior of the transparent member.

9. A lamp device according to claims 6, 7, or 8, further comprising cooling means for removing conducted heat to the exterior of the lamp device.

20 10. A discharge lamp comprising:
an arc tube enclosing luminescent materials and having disposed

09890127.073704

therein a pair of opposing electrodes; and
a pair of sealed portions extending from the arc tube, the pair of sealed
portions having differing lengths.

05890127 072701